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CERTIFICATE OF MAILING (37 CFR 1.10)

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I hereby certify that this transmittal together with the patent application referred to below is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

Julie K. Lyons, Legal Assistant

Name of Person Mailing Paper

Julie K. Lyons

Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner of Patents and Trademarks
Washington, DC 20231

TRANSMITTAL OF A NON-PROVISIONAL APPLICATION
Under 37 CFR 1.53(b)(1)

Sir:

Transmitted herewith for filing is the patent application entitled Heparanase II, A Novel Human Heparanase Paralog.

This application is being mailed by Express Mail under 37 CFR 1.10 and the required certificate appears above.

The Oath or Declaration required under 37 CFR 1.63 is being transmitted with this application.

The Oath or Declaration required under 37 CFR 1.63 is not being transmitted with this application pursuant to 37 CFR 1.53(f).

A disk containing nucleotide and/or amino acid sequences in a computer readable format is attached. The contents of the sequence listing in the application is the same as the document on the disk. (37 CFR 1.821(f) and MPEP 2422.06)

The filing fee has been calculated as shown below:

	Total No. of Claims	No. of Claims Without Additional Fee	Excess Claims	\$ Rate	Fee
Total Claims Fee	45	20	25	x 18	450
Independent Claims Fee	19	3	16	x 80	1280
Multiple Dependent Claim	0			x 270	0
Basic Fee					710
Total Filing Fee				\$	2440

SPECIFIC DEPOSIT ACCOUNT AUTHORIZATION. Please charge my Deposit Account No. 21-0718 in the amount of the total filing fee above. Triplicate copies of this sheet are enclosed.

GENERAL DEPOSIT ACCOUNT AUTHORIZATION. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or during the pendency of this application or credit any overpayment to Deposit Account No. 21-0718.

- (1) Any additional filing fees or fees for the presentation of additional claims required under 37 CFR 1.16.
- (2) Any patent application processing fees under 37 CFR 1.17.

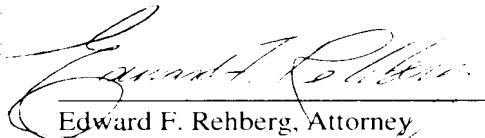
No authorization is given to charge the Issue Fee (37 CFR 1.18).

ASSIGNMENT RECORDAL DEPOSIT ACCOUNT AUTHORIZATION. Please charge my Deposit Account No. 21-0718 in the amount of **\$40.00** for recordal for the attached assignment of the invention to Pharmacia & Upjohn Company. A separate cover sheet for assignment accompanying a new patent application is also attached.

This application is being made, or is authorized to be made, by the inventor(s) as set forth on the attached Inventor Information Sheet. The person or persons listed are believed to be the original, first and sole inventor (if only one name is listed on the attached Inventor Information Sheet) or original, first and joint inventor (if plural names are listed on the attached Inventor Information Sheet) of the subject matter which is claimed and for which a patent is sought.

The undersigned hereby requests that all correspondence and telephone communications in connection with this application be directed to the undersigned person at the mailing address and telephone number shown below.

Respectfully submitted,



Edward F. Rehberg, Attorney
Registration No. 34,703

Date: March 20, 2001

Pharmacia & Upjohn Company
Global Intellectual Property
301 Henrietta Street
Kalamazoo, Michigan 49001

Telephone No. (616) 833-7829 or (616) 833-9500
Telefax No. (616) 833-8897 or (616) 833-2316

Enclosures:

- Patent Application
- Declaration (37 CFR 1.63) and Power of Attorney
- Assignment with Cover Page
- Disk containing Nucleotide and/or amino Acid Sequence Listing
- Return Post Card